NAME OF WORK:- Development of Roads and Drains at Venkatala and Venkatala Janatha Colony in Ward No 01 of Yelahanka Sub Division

EMB

(Pre-Measurement Sheet and Measurement Sheet)

First and Final Bill

BRUHAT BANGALORE MAHANAGARA PALIKE

E OF WORK:- Development of Roads and Drains at Venkatala and Venkatala Janatha Colony in Ward of Yelahanka Sub Division

PRE-MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage m	Chainage To	Description of work	Unit	No.	Length (m)	Breadth B1	Breadth B2	Breadth AvgB	Depth (m)	Quantity
em No. 01		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and directions of the Engineer in charge.								
asurements aken On :		15-06-2021, 16-06-2021, 18-06-2021								
		Drain Desilt								
		Maruthi Nagara								
		From Main Road to Dead End								
		RHS								
0	10.9		Cum	1	10.90	0.45	0.45	0.45	0.50	2.45
0.9	30.4		Cum	1	19.50	0.45	0.45	0.45	0.50	4.39
0.4	34.7		Cum	1	4.30	0.45	0.45	0.45	0.50	0.97
4.7	49.7		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38
9.7	66.2		Cum	1	16.50	0.45	0.45	0.45	0.50	3.71
6.2	72.2	**Road Break**	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00
72.2	89.9		Cum	1	17.70	0.45	0.45	0.45	0.50	3.98
		LHS								
0	15		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38
15	30		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38
30	45		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38
45	60		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38
		Venkatala 4th Cross Road								
		From Main Road to Dead End								
		RHS								
0	15		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38
15	30		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38
30	38.3		Cum	1	8.30	0.45	0.45	0.45	0.50	1.87
		LHS								
0	15		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38
15	30		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38
30	36.8		Cum	1	6.80	0.45	0.45	0.45	0.50	1.53
		5th Cross Road								
		From Main Road to Dead End								
		LHS								
0	15		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38
15	30		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38

Contractor

CIVIL Pro Sig..... Date..... BANGALORE MC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
Assistant Executive Engineer
Yelahanka, Bangalore

Chainage m	Chainage To	Description of work	Unit	No.	Length (m)	Breadth B1	Breadth B2	Breadth AvgB	Depth (m)	Quantity
		RHS								
	15		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
5	30		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
)	45		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
5	60		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
)	75		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
5	91		Cum	1	16.00	1.10	1.10	1.10	0.75	13.20
		Ganesha Temple Road								
)	19.6			1	19.60	1.10	1.10	1.10	0.75	16.17
		Canadian School Road								
		LHS								
0	15		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
5	30		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
30	45		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
45	60		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
60	75		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
75	92.7		Cum	1	17.70	1.10	1.10	1.10	0.75	14.60
		RHS								
0	15		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
15	30		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
30	45		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
45	60		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
60	75		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
75	92.7		Cum	1	17.70	1.10	1.10	1.10	0.75	14.60
		2nd A Cross Road								
		LHS								
0	15		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
15	30		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
30	36.9		Cum	1	6.90	1.10	1.10	1.10	0.75	5.69
		RHS								
0	15		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
15	30		Cum	1	15.00	1.10	1.10	1.10	0.75	12.38
30	36.9		Cum	1	6.90	1.10	1.10	1.10	0.75	5.69
									Total Executed Quantity	1694.35
									Quantity Carried to Summary	1694.35

A.E.E 18/6

CIVIL Pro Sig..... Date..... BANGALORE

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Dk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Development of Roads and Drains at Venkatala and Venkatala Janatha Colony in Ward No.01

hanka Sub Division

PRE-MEASUREMENT SHEET

FIRST and FINAL BILL

ainage		Description of work	Unit	No.	Length	Breadth			Depth	Quantity
n	To				(m)	B1	B2	AvgB	(m)	
n No. 02		Removing and refixing stone slabs of drains and pointing in CM (1:3) complete as per specifications and directions of the Engineer in charge.								
surements ken On :		16-06-2021 To 18-06-2021								
		Maruthi Nagara								
		From Main Road to Dead								
		RHS								
	5.45		Sqm	1	5.45	0.75	0.75	0.75		4.09
.9	20.65		Sqm	1	9.75	0.75	0.75	0.75		7.31
.4	32.55		Sqm	1	2.15	0.75	0.75	0.75		1.61
.7	42.2		Sqm	1	7.50	0.75	0.75	0.75		5.63
.7	66.2		Sqm	1	6.50	0.75	0.75	0.75		4.88
.2	81.05		Sqm	1	8.85	0.75	0.75	0.75		6.64
		LHS								
)	7.5		Sqm	1	7.50	0.75	0.75	0.75		5.63
5	22.5		Sqm	1	7.50	0.75	0.75	0.75		5.63
0	37.5		Sqm	1	7.50	0.75	0.75	0.75		5.63
5	52.5		Sqm	1	7.50	0.75	0.75	0.75		5.63
		Venkatala								
		4th Cross Road								
		From Main Road to Dead End								
		RHS								
0	7.5		Sqm	1	7.50	0.75	0.75	0.75		5.63
15	22.5		Sqm	1	7.50	0.75	0.75	0.75		5.65
30	34.15		Sqm	1	4.15	0.75	0.75	0.75		3.11
		LHS								
0	7.5		Sqm	1	7.50	0.75	0.75	0.75		5.63
15	22.5		Sqm	1	7.50	0.75	0.75	0.75		5.63
30	33.4		Sqm	1	3.40	0.75	0.75	0.75		2.55

A.E.E 18/6

Contractor

CIVIL Pro Sig..... Date..... BANGALORE PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
BBMP
Assistant Executive Engineer
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

E OF WORK:- Development of Roads and Drains at Venkatala and Venkatala Janatha Colony in Ward of Yelahanka Sub Division

PRE-MEASUREMENT SHEET

FIRST and FINAL BILL

hainage		Description of work	Unit	No.	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	AvgB	(m)	
em No. 03		Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications and directions of the Engineer in charge.								
asurements aken On :		19-06-2021 TO 28-07-2021, 09-08-2021								
		For Drain								
		Ganesha Temple Road								
)	19.6		Cum	1	19.60	1.20	1.20	1.20	0.15	3.53
		Canadian School Road								
)	20.2		Cum	1	20.20	1.20	1.20	1.20	0.15	3.64
).2	26.9	**Road Break**	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00
5.9	41.9		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70
1.9	56.9		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70
5.9	64.2		Cum	1	7.30	1.20	1.20	1.20	0.15	1.31
4.2	72.9	**Road Break**	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00
2.9	87.9		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70
7.9	102.9		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70
02.9	117.9		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70
17.9	132.9		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70
32.9	145.1		Cum	1	12.20	1.20	1.20	1.20	0.15	2.20
		2nd A Cross Road								
0	15		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70
15	30		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70
30	45		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70
		Uthsavamba Nilaya Road								
		From Storm Water Drain								
		RHS								
0	15		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70
15	30		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70
30	52		Cum	1	22.00	1.20	1.20	1.20	0.15	3.96

ntractor

CIVIL Pro Sig..... Date..... BANGALORE MC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Nk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

E OF WORK:- Development of Roads and Drains at Venkatala and Venkatala Janatha Colony in Ward No.01 of anka Sub Division

PRE-MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage		Description of work	Unit	No.	Length	Breadth			Depth	Quantity
m	To				(m)	B1	B2	AvgB	(m)	
em No. 05		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of the Engineer in charge.								
asurements aken On :		24-06-2021 To 07-07-2021								
		For Drain	Tonne		From Calculation Sheet					20.41
		Culvert	Tonne		From Calculation Sheet					2.87
									Total Executed Quantity	23.28
									Quantity Carried to Summary	23.28

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Vnk. Zn)
Yelahanka, Bangalore

CIVIL Pro
Sig.....
Date.....
BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

E OF WORK:- Development of Roads and Drains at Venkatala and Venkatala Janatha Colony in Ward of Yelahanka Sub Division

PRE MEASUREMENT SHEET

FIRST and FINAL BILL

STEEL CALCULATION

NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
m .5	KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.								
Measurements Taken On;		24-06-2021 To 07-07-2021							
	For RCC Drain								
	Ganesha Temple Road								
	Main Bars (#12@160 c/c)	1	12	124	124	2.70	333.45	0.89	296.04
	Distribution(19-#10)	1	10	19	19	19.60	372.40	0.62	229.60
	Canadian School Road								
	Main Bars (#12@160 c/c)	1	12	812	812	2.70	2191.39	0.89	1945.54
	Distribution(19-#10)	1	10	19	19	129.70	2464.30	0.62	1519.33
	2nd A Cross Road								
	Main Bars (#12@160 c/c)	1	12	282	282	2.70	762.08	0.89	676.58
	Distribution(19-#10)	1	10	19	19	45.00	855.00	0.62	527.14
	Uthsavamba Nilaya Road RHS								
	Main Bars (#12@160 c/c)	1	12	912	912	2.70	2463.08	0.89	2186.75
	Distribution(19-#10)	1	10	19	19	145.80	2770.20	0.62	1707.93
	Lake View Layout 4th Main Road RHS								
	Main Bars (#12@160 c/c)	1	12	470	470	2.70	1270.01	0.89	1127.53
	Distribution(19-#10)	1	10	19	19	75.10	1426.90	0.62	879.74
	Cross Road-1 LHS								
	Main Bars (#12@160 c/c)	1	12	224	224	2.70	603.45	0.89	535.75
	Distribution(19-#10)	1	10	19	19	35.60	676.40	0.62	417.03

CIVIL Pro Sig..... Date..... PRC BANGALORE

Assistant Engineer

Asst. Executive Engineer Yelahanka Division (BBMP (W.K. Zn) Yelahanka, Bangalore

Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Development of Roads and Drains at Venkatala and Venkatala Janatha Colony in Ward No.01 Yelahanka Sub Division

PRE-MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of work	Unit	No.	Length (m)	Breadth B1	Breadth B2	Breadth AvgB	Depth (m)	Quantity
Item No.8		Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and directions of the Engineer in charge.								
Measurements Taken On :		15-07-2021								
		Canadian School Road								
0	20.2		Cum	1	20.20	0.20	0.20	0.20	0.10	0.40
0.2	26.9	**Road Break**	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00
6.9	41.9		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30
1.9	56.9		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30
6.9	64.2		Cum	1	7.30	0.20	0.20	0.20	0.10	0.15
4.2	72.9	**Road Break**	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00
2.9	87.9		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30
7.9	102.9		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30
02.9	117.9		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30
7.9	132.9		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30
12.9	145.1	C&FC	Cum	1	12.20	0.20	0.20	0.20	0.10	0.24
		Lake View Layout 4th Main Road RHS A.E.E 15/7								
0	24.3		Cum	1	24.30	0.20	0.20	0.20	0.10	0.49
4.3	30.9	**Road Break**	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00
0.9	57.1		Cum	1	26.20	0.20	0.20	0.20	0.10	0.52
7.1	63.4	**Road Break**	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00
3.4	88		Cum	1	24.60	0.20	0.20	0.20	0.10	0.49
		Ganesha Temple Road								
0	19.6		Cum	1	19.60	0.20	0.20	0.20	0.10	0.39

CIVIL Pro Sig..... Date..... BANGALORE

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage		Description of work	Unit	No.	Length	Breadth			Depth	Quantity
om	To				(m)	B1	B2	AvgB	(m)	
		6th Cross Road								
		LHS								
)	15		Cum	1	15	0.20	0.20	0.20	0.10	0.30
5	28.7		Cum	1	13.7	0.20	0.20	0.20	0.10	0.27
		5th Cross Road								
		LHS								
)	15		Cum	1	15	0.20	0.20	0.20	0.10	0.30
5	30		Cum	1	15	0.20	0.20	0.20	0.10	0.30
0	45		Cum	1	15	0.20	0.20	0.20	0.10	0.30
5	60		Cum	1	15	0.20	0.20	0.20	0.10	0.30
0	75		Cum	1	15	0.20	0.20	0.20	0.10	0.30
5	82		Cum	1	7	0.20	0.20	0.20	0.10	0.14
		RHS								
0	15		Cum	1	15	0.20	0.20	0.20	0.10	0.30
5	30		Cum	1	15	0.20	0.20	0.20	0.10	0.30
0	45		Cum	1	15	0.20	0.20	0.20	0.10	0.30
5	60		Cum	1	15	0.20	0.20	0.20	0.10	0.30
0	75		Cum	1	15	0.20	0.20	0.20	0.10	0.30
5	82		Cum	1	7	0.20	0.20	0.20	0.10	0.14
									Total Executed Quantity	**21.64**
									Quantity Carried to Summary	**21.64**

Asst. Executive Engineer
Yelahanka Sub- Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

CIVIL PRO
Sig.....
Date.....
BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

ME OF WORK:- Development of Roads and Drains at Venkatala and Venkatala Janatha Colony in Ward No.01

elahanka Sub Division

PRE-MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage		Description of work	Unit	No.	Length	Breadth			Depth	Quantity
rom	To				(m)	B1	B2	AvgB	(m)	
Item No.12		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and directions of the Engineer in charge.								
Measurements Taken On :		21-07-2021 To 24-07-2021								
		2nd Main Road								
		From Borewell Point to								
0	15		Cum	1	15.00	5.45	5.50	5.48	0.45	36.96
15	30		Cum	1	15.00	5.50	5.40	5.45	0.45	36.79
30	45		Cum	1	15.00	5.40	5.40	5.40	0.45	36.45
45	60		Cum	1	15.00	5.40	5.40	5.40	0.45	36.45
60	75		Cum	1	15.00	5.40	5.60	5.50	0.45	37.13
75	92.6		Cum	1	17.60	5.60	5.40	5.50	0.45	43.56
		4th Main Road								
0	15		Cum	1	15.00	6.40	6.80	6.60	0.50	49.50
15	30		Cum	1	15.00	6.80	6.80	6.80	0.50	51.00
30	37.1		Cum	1	7.10	6.80	6.80	6.80	0.50	24.14
		Manjunatha House Road								
		From Main Road to Dead End								
0	15		Cum	1	15.00	6.40	6.50	6.45	0.45	43.54
15	30		Cum	1	15.00	6.50	6.80	6.65	0.45	44.89
30	36.4		Cum	1	6.40	6.80	6.80	6.80	0.50	21.76
		Ganesha Temple Road								
		From Main Road to Dead End								
0	19.6		Cum	1	19.60	5.80	4.90	5.35	0.50	52.43
		Uthsavamba Nilaya Road								
		From Uthsavamba Nilaya to Storm Water drain								
0	15		Cum	1	15.00	6.30	6.00	6.15	0.45	41.51
15	30		Cum	1	15.00	6.00	6.20	6.10	0.45	41.18
30	45		Cum	1	15.00	6.20	6.30	6.25	0.45	42.19
45	60		Cum	1	15.00	6.30	6.30	6.30	0.45	42.53
60	71		Cum	1	11.00	6.30	6.30	6.30	0.45	31.19

Checked

A.E.E

CIVIL Pro Sig..... Date..... BANGALORE

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Divison

Assistant Executive Engineer
Yelahanka, Bangalore

Chainage		Description of work	Unit	No.	Length	Breadth			Depth	Quantity
rom	To				(m)	B1	B2	AvgB	(m)	
		Square Portion								
			Cum	1	18.20	18.40	18.40	18.40	0.50	167.44
0	15		Cum	1	15.00	6.20	6.20	6.20	0.50	46.50
15	30		Cum	1	15.00	6.20	6.40	6.30	0.50	47.25
30	49.8		Cum	1	19.80	6.40	6.80	6.60	0.50	65.34
		2nd A Cross Road								
0	15		Cum	1	15.00	5.60	5.60	5.60	0.45	37.80
15	30		Cum	1	15.00	5.60	6.10	5.85	0.45	39.49
30	36.9		Cum	1	6.90	6.10	6.00	6.05	0.45	18.79
		Canadian School Road								
		PCC Measurement								
0	9.5		Cum	1	9.50	6.90	8.30	7.60	0.45	32.49
9.5	14.5	1st Cross	Cum	1	5.00	8.30	5.90	7.10	0.45	15.98
14.5	29.5		Cum	1	15.00	5.90	5.85	5.88	0.45	39.66
29.5	44.5		Cum	1	15.00	5.85	6.40	6.13	0.45	41.34
44.5	59.5		Cum	1	15.00	6.40	6.30	6.35	0.45	42.86
59.5	74.5		Cum	1	15.00	6.30	6.45	6.38	0.45	43.03
74.5	90.9		Cum	1	16.40	6.45	5.90	6.18	0.45	45.57
90.9	92.7		Cum	1	1.80	5.40	5.30	5.35	0.45	4.33
		4th main road								
0	15		Cum	1	15.00	6.70	7.00	6.85	0.50	51.38
15	30		Cum	1	15.00	7.00	7.10	7.05	0.50	52.88
30	45		Cum	1	15.00	7.10	6.70	6.90	0.50	51.75
45	60		Cum	1	15.00	6.70	5.60	6.15	0.50	46.13
60	75		Cum	1	15.00	5.60	6.60	6.10	0.50	45.75
75	88.35		Cum	1	13.35	6.60	6.60	6.60	0.50	44.06
									Total Executed Quantity	1692.97
									Quantity Carried to Summary	1692.97

Asst. Executive Engineer,
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

CIVIL Pro
Sig.....
Date.....
BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

Chainage		Description of work	Unit	No.	Length	Breadth			Depth	Quantity
rom	To				(m)	B1	B2	AvgB	(m)	
4.5	90.9		Sqm	1	16.40	6.45	5.90	6.18		101.27
0.9	92.7		Sqm	1	1.80	5.40	5.30	5.35		9.63
		4th main road								
0	15		Sqm	1	15.0	6.70	7.00	6.85		102.75
15	30		Sqm	1	15.0	7.00	7.10	7.05		105.75
30	45		Sqm	1	15.0	7.10	6.70	6.90		103.50
45	60		Sqm	1	15.0	6.70	5.60	6.15		92.25
60	75		Sqm	1	15.0	5.60	6.60	6.10		91.50
75	88.35		Sqm	1	13.4	6.60	6.60	6.60		88.44
									Total Executed Quantity	4597.00
									Quantity Carried to Summary	4597.00

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

CIVIL Pro
Sig.....
Date.....
BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

(Ward No 01)

BRUHAT BANGALORE MAHANAGARA PALIKE

ME OF WORK:- Development of Roads and Drains at Venkatala and Venkatala Janatha Colony in Ward No.01 of ahanka Sub Division

PRE-MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage		Description of work	Unit	No.	Length	Breadth			Depth	Quantity
rom	To				(m)	B1	B2	AvgB	(m)	
Item No.15		Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and directions of the Engineer in charge.								
Measurements Taken On :		24-07-2021 To 26-07-2021								
		2nd Main Road								
		From Borewell Point to								
0	15		Cum	1	15.00	5.45	5.50	5.48	0.15	12.32
15	30		Cum	1	15.00	5.50	5.40	5.45	0.15	12.26
30	45		Cum	1	15.00	5.40	5.40	5.40	0.15	12.15
45	60		Cum	1	15.00	5.40	5.40	5.40	0.15	12.15
60	75		Cum	1	15.00	5.40	5.60	5.50	0.15	12.38
75	92.6		Cum	1	17.60	5.60	5.40	5.50	0.15	14.52
		4th Main Road								
0	15		Cum	1	15.00	6.40	6.80	6.60	0.20	19.80
15	30		Cum	1	15.00	6.80	6.80	6.80	0.20	20.40
30	37.1		Cum	1	7.10	6.80	6.80	6.80	0.20	9.66
		Manjunatha House Road								
		From Main Road to Dead								
0	15		Cum	1	15.00	6.40	6.50	6.45	0.15	14.51
15	30		Cum	1	15.00	6.50	6.80	6.65	0.15	14.96
30	36.4		Cum	1	6.40	6.80	6.80	6.80	0.20	8.70
		Ganesha Temple Road								
		From Main Road to Dead								
0	19.6		Cum	1	19.60	5.80	4.90	5.35	0.20	20.97
		Uthsavamba Nilaya Road								
		From Uthsavamba Nilaya to								
0	15		Cum	1	15.00	6.30	6.00	6.15	0.15	13.84
15	30		Cum	1	15.00	6.00	6.20	6.10	0.15	13.73
30	45		Cum	1	15.00	6.20	6.30	6.25	0.15	14.06
45	60		Cum	1	15.00	6.30	6.30	6.30	0.15	14.18
60	71		Cum	1	11.00	6.30	6.30	6.30	0.15	10.40

A.E.E

tractor

CIVIL Pro Sig..... Date..... BANGALORE

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP W.K. 2n)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage From	Chainage To	Description of work	Unit	No.	Length (m)	Breadth B1	Breadth B2	Breadth AvgB	Depth (m)	Quantity
		Square Portion								
			Cum	1	18.20	18.40	18.40	18.40	0.20	66.98
0	15		Cum	1	15.00	6.20	6.20	6.20	0.15	13.95
15	30		Cum	1	15.00	6.20	6.40	6.30	0.15	14.18
30	49.8		Cum	1	19.80	6.40	6.80	6.60	0.15	19.60
		2nd A Cross Road								
0	15		Cum	1	15.00	5.60	5.60	5.60	0.15	12.60
15	30		Cum	1	15.00	5.60	6.10	5.85	0.15	13.16
30	36.9		Cum	1	6.90	6.10	6.00	6.05	0.15	6.26
		Canadian School Road								
		PCC Measurement								
0	9.5		Cum	1	9.50	6.90	8.30	7.60	0.15	10.83
9.5	14.5		Cum	1	5.00	8.30	5.90	7.10	0.15	5.33
14.5	29.5		Cum	1	15.00	5.90	5.85	5.88	0.15	13.22
29.5	44.5		Cum	1	15.00	5.85	6.40	6.13	0.15	13.78
44.5	59.5		Cum	1	15.00	6.40	6.30	6.35	0.15	14.29
59.5	74.5		Cum	1	15.00	6.30	6.45	6.38	0.15	14.34
74.5	90.9		Cum	1	16.40	6.45	5.90	6.18	0.15	15.19
90.9	92.7		Cum	1	1.80	5.40	5.30	5.35	0.15	1.44
		4th main road								
0	15		Cum	1	15.00	6.70	7.00	6.85	0.15	15.41
15	30		Cum	1	15.00	7.00	7.10	7.05	0.15	15.86
30	45		Cum	1	15.00	7.10	6.70	6.90	0.15	15.53
45	60		Cum	1	15.00	6.70	5.60	6.15	0.15	13.84
60	75		Cum	1	15.00	5.60	6.60	6.10	0.15	13.73
75	88.35		Cum	1	13.35	6.60	6.60	6.60	0.15	13.22
									Total Executed Quantity	573.71
									Quantity Carried to Summary	573.71

Asst. Executive Engineer
Yelahanka Division
(BBMP Yelk. Zn)
Yelahanka, Bangalore

CIVIL Pro
Sig.....
Date.....
BANGALORE

Contractor | PMC | Assistant Engineer | Assistant Executive Engineer

(Ward No 01)

BRUHAT BANGALORE MAHANAGARA PALIKE

ME OF WORK:- Development of Roads and Drains at Venkatala and Venkatala Janatha Colony in Ward No.01 of Yelahanka Sub Division

MEASUREMENT SHEET

FIRST and FINAL BILL

Chainage From	Chainage To	Description of work	Unit	No.	Length	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth m	Qty	Rate	Amount	Remarks
					m								
m No. 01		**Earthwork excavation by manual means for roads,** drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and directions of the Engineer in charge.											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no. 1 to 6								1694.36			
										1694.36			
										1698.82			
										1694.35	225.61	382263.00	
m No. 02		Removing and refixing stone slabs of drains and pointing in CM (1:3) complete as per specifications and directions of the Engineer in charge											
			Sqm										
		Vide Total executed Quantity from premeasuremet Page no. 7 to 8								219.23			
										219.23			
										260.44			
										219.23	116.64	25571.00	
s No. 03		Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications and directions of the Engineer in charge.											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no. 9 to 14								834.72			
										834.78			
										834.78			
										834.72	5682.15	4743018.00	
No. 04		Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm complete as per specifications and directions of the Engineer in charge.											
rements ta on		26-06-2021 to 29-06-2021										08-07-2021	
		Drain Rise Maruthi Nagara From Main Road to Dead End											
		RHS											
10.9			Cum	2	10.90	0.15	0.15	0.15	0.15	0.49			
30.4			Cum	2	19.50	0.15	0.15	0.15	0.15	0.88			
34.7			Cum	2	4.30	0.15	0.15	0.15	0.15	0.19			
49.7			Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
66.2			Cum	2	16.50	0.15	0.15	0.15	0.15	0.74			
72.2		Road Break	Cum	2	0.00	0.15	0.15	0.15	0.15	0.00			
89.9			Cum	2	17.70	0.15	0.15	0.15	0.15	0.80			
		LHS											
15			Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
30			Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
45			Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
60			Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			

CIVIL Pro
Sig.....
Date.....
BANGALORE

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP West Zone)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage From	Chainage To	Description of work	Unit	No.	Length	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth m	Qty	Rate	Amount	Remarks
		Venkatala											
		4th Cross Road											
		From Main Road to Dead End											
		RHS											
0	15		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
15	30		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
30	38.3		Cum	2	8.30	0.15	0.15	0.15	0.15	0.37			
		LHS											
0	15		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
15	30		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
30	36.8		Cum	2	6.80	0.15	0.15	0.15	0.15	0.31			
		5th Cross Road											
		From Main Road to Dead End											
		LHS											
	15		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	30		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	45		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	60		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	75		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	90		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	115.1		Cum	2	25.10	0.15	0.15	0.15	0.15	1.13			
		RHS											
	15		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	25.5		Cum	2	10.50	0.15	0.15	0.15	0.15	0.47			
	29.9	Culvert Break	Cum	2	0.00	0.15	0.15	0.15	0.15	0.00			
	44.9		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	56.4		Cum	2	11.50	0.15	0.15	0.15	0.15	0.52			
	61	Road Break	Cum	2	0.00	0.15	0.15	0.15	0.15	0.00			
	76		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	91		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	98.3		Cum	2	7.30	0.15	0.15	0.15	0.15	0.33			
		Jayamuni Layout											
		2nd Main Road											
		LHS											
	15		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	30		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	45		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	60		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	75		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	90		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	105		Cum	2	15.00	0.15	0.15	0.15	0.15	0.68			
	112		Cum	2	7.00	0.15	0.15	0.15	0.15	0.32			
		RHS											
	24.5		Cum	2	24.50	0.15	0.15	0.15	0.15	1.10			
	30.5	No Work	Cum	2	0.00	0.15	0.15	0.15	0.15	0.00			
	42.6		Cum	2	12.10	0.15	0.15	0.15	0.15	0.54			
	48.3	Road Break	Cum	2	0.00	0.15	0.15	0.15	0.15	0.00			
	61.1	House Break	Cum	2	0.00	0.15	0.15	0.15	0.15	0.00			
	72.9		Cum	2	11.80	0.15	0.15	0.15	0.15	0.53			
	83.7	House Break No Work	Cum	2	0.00	0.15	0.15	0.15	0.15	0.00			
	95.1		Cum	2	11.40	0.15	0.15	0.15	0.15	0.51			
		3rd Cross Road											
	17.6		Cum	2	17.60	0.15	0.15	0.15	0.15	0.79			
	20.8	No Work	Cum	2	0.00	0.15	0.15	0.15	0.15	0.00			

C&P 3c

CIVIL Pro Sig..... Date..... BANGALORE

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Yok. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage From	Chainage To	Description of work	Unit	No.	Length	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth m	Qty	Rate	Amount	Remarks
		Cross Road-1											
		LHS											
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48			
15	30		Cum	1	15.00	1.10	1.10	1.10	0.18	2.48			
30	35.6		Cum	1	5.60	1.10	1.10	1.10	0.15	0.92			
		RHS											
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48			
15	30		Cum	1	15.00	1.10	1.10	1.10	0.18	2.48			
30	37.1		Cum	1	7.10	1.10	1.10	1.10	0.15	1.17			
		Cross Road-2											
		From 4th Main Road to Dead End											
		LHS											
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48			
15	30		Cum	1	15.00	1.10	1.10	1.10	0.18	2.48			
30	37.1		Cum	1	7.10	1.10	1.10	1.10	0.15	1.17			
		RHS											
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48			
15	30		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48			
30	37.3		Cum	1	7.30	1.10	1.10	1.10	0.15	1.20			
		Krishna Pallavi House											
		From Canadian School											
		LHS											
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36			
15	30		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36			
30	37.1		Cum	1	7.10	1.05	1.05	1.05	0.15	1.12			
37.1	53.7		Cum	1	16.60	1.05	1.05	1.05	0.15	2.61			
		3rd Cross Jayamuni											
		R H S											
0	15		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14			
15	30		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14			
30	45		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14			
45	60		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14			
60	75		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14			
75	90		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14			
90	105		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14			
105	120		Cum	1	15.00	0.95	0.95	0.95	0.15	2.14			
120	130.2		Cum	1	10.20	0.95	0.95	0.95	0.15	1.45			
		Jayamuni Layout											
		Cross Road											
		LHS											
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48			
15	30		Cum	1	15.00	1.10	1.10	1.10	0.18	2.48			
30	35		Cum	1	5.00	1.10	1.10	1.10	0.15	0.83			

CIVIL Pro Sig..... Date..... BANGALORE

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(Bangalore)
Yelahanka, Bangalore

No 01)

First and Final Bill

e / o	Description of work	Unit	No.	Length	Breadth (m)			Depth	Qty	Rate	Amount	Remarks
				m	B1	B2	Avg B	m				
	4th main road											
		Cum	1	4.90	1.40	1.40	1.40	0.20	1.37			
	House no 38 Opposite road											
		Cum	1	7.60	1.40	1.40	1.40	0.20	2.13			
	Jayamuni layout											
	2nd A Main Road											
		Cum	1	5.90	1.40	1.40	1.40	0.20	1.65			
	Side Wall											
	Near Ganesha Temple Road											
	CC Slab (1.2 m)	Cum	2	6.00	0.20	0.20	0.20	0.75	1.80			
	Canadian School Road											
		Cum	2	8.70	0.20	0.20	0.20	0.75	2.61			
	4th main road											
		Cum	2	4.90	0.20	0.20	0.20	0.75	1.47			
	House no 38 Opposite road											
		Cum	2	7.60	0.20	0.20	0.20	0.75	2.28			
	Jayamuni layout											
	2nd A Main Road											
		Cum	1	5.90	0.20	0.20	0.20	0.75	0.89			
							Sub Total		18.31			
								Total	348.50			
								Total Executed Quantity	348.50			
								Tender Quantity	348.37			
								Now to be paid	348.50			
								Quantity Limited To	348.37	7409.57	2581271.00	
5.05	Providing T M T bars Fe 500 steel reinforcement for R C C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of the Engineer in charge.											
		Tonne										
	Vide Total executed Quantity from premeasuremet Page no. 15											
								Total Executed Quantity	23.28			
								Tender Quantity	23.14			
								Now to be paid	23.28			
								Quantity Limited To	23.14	68169.15	1577434.00	

CIVIL Pro Sig..... Date..... BANGALORE

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Unk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage From	Chainage To	Description of work	Unit	No.	Length m	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth m	Qty	Rate	Amount	Remarks
		Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,complete as per specifications and directions of the Engineer in charge. (Data Rate)										
Item No. 06		01-07-2021 TO 10-07-2021											
Measurements taken on		Missing Cover Slab											
		Maruthi Nagara											
		From Main Road to Dead End											
		RHS											
0.0	10.9		Sqm	1	5.45	0.75	0.75	0.75		4.09			
10.9	30.4		Sqm	1	9.75	0.75	0.75	0.75		7.31			
30.4	34.7		Sqm	1	2.15	0.75	0.75	0.75		1.61			
34.7	52.7		Sqm	1	17.50	0.75	0.75	0.75		13.13			
52.7	89.9		Sqm	1	8.85	0.75	0.75	0.75		6.64			
		LHS											
0.0	15		Sqm	1	7.50	0.75	0.75	0.75		5.63			
15	30		Sqm	1	7.50	0.75	0.75	0.75		5.63			
30	45		Sqm	1	7.50	0.75	0.75	0.75		5.63			
45	60		Sqm	1	7.50	0.75	0.75	0.75		5.63			
		Venkatala											
		4th Cross Road											
		From Main Road to Dead End											
		RHS											
0.0	15		Sqm	1	7.50	0.75	0.75	0.75		5.63			
15	30		Sqm	1	7.50	0.75	0.75	0.75		5.63			
30	38.3		Sqm	1	4.15	0.75	0.75	0.75		3.11			
		LHS											
0.0	15		Sqm	1	7.50	0.75	0.75	0.75		5.63			
15	30		Sqm	1	7.50	0.75	0.75	0.75		5.63			
30	34.8		Sqm	1	3.40	0.75	0.75	0.75		2.55			
		5th Cross Road											
		From Main Road to Dead End											
		LHS											
0.0	15		Sqm	1	7.50	0.75	0.75	0.75		5.63			
15	30		Sqm	1	7.50	0.75	0.75	0.75		5.63			
30	45		Sqm	1	7.50	0.75	0.75	0.75		5.63			
45	60		Sqm	1	7.50	0.75	0.75	0.75		5.63			
60	75		Sqm	1	7.50	0.75	0.75	0.75		5.63			
75	90		Sqm	1	7.50	0.75	0.75	0.75		5.63			
90	115.1		Sqm	1	12.55	0.75	0.75	0.75		9.41			
		RHS											
0.0	15		Sqm	1	7.50	0.75	0.75	0.75		5.63			
15	25.5		Sqm	1	5.25	0.75	0.75	0.75		3.94			
25.5	44.9		Sqm	1	7.50	0.75	0.75	0.75		5.63			
44.9	56.4		Sqm	1	5.75	0.75	0.75	0.75		4.31			
56.4	76		Sqm	1	7.50	0.75	0.75	0.75		5.63			
76	91		Sqm	1	7.50	0.75	0.75	0.75		5.63			
91	98.3		Sqm	1	3.65	0.75	0.75	0.75		2.74			
		Jayamuni Layout											
		2nd Main Road											
0.0	15	LHS	Sqm	1	7.50	0.75	0.75	0.75		5.63			

CIVIL Pro Sig..... Date..... BANGALORE

PMC

Assistant Engineer

Asst. Executive Engineer Yelahanka Sub. Divison (BBMP) Zone Yelahanka, Bangalore

Assistant Executive Engineer

(Ward No 01)

Chainage From	Chainage To	Description of work	Unit	No.	Length	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth m	Qty	Rate	Amount	Remarks
			Sqm	1	7.50	0.75	0.75	0.75		5.63			
	30		Sqm	1	7.50	0.75	0.75	0.75		5.63			
15	45		Sqm	1	7.50	0.75	0.75	0.75		5.63			
15	60		Sqm	1	7.50	0.75	0.75	0.75		5.63			
15	75		Sqm	1	7.50	0.75	0.75	0.75		5.63			
15	90		Sqm	1	7.50	0.75	0.75	0.75		5.63			
15	105		Sqm	1	7.50	0.75	0.75	0.75		5.63			
15	112		Sqm	1	3.50	0.75	0.75	0.75		2.63			
		RHS											
25	24.5		Sqm	1	12.25	0.75	0.75	0.75		9.19			
		3rd Cross Road											
8	17.6		Sqm	1	8.80	0.75	0.75	0.75		6.60			
3	44.8		Sqm	1	12.00	0.75	0.75	0.75		9.00			
3	66.8		Sqm	1	4.50	0.75	0.75	0.75		3.38			
		New Cover Slab											
		Ganesha Temple Road											
	19.6		Sqm	1	19.60	0.90	0.90	0.90		17.64			
		Canadian School Road											
	20.2		Sqm	1	20.20	0.90	0.90	0.90		18.18			
2	26.9	**Road Break**	Sqm	1	0.00	0.00	0.00	0.00		0.00			
9	41.9		Sqm	1	15.00	0.90	0.90	0.90		13.50			
9	56.9		Sqm	1	15.00	0.90	0.90	0.90		13.50			
9	64.2		Sqm	1	7.30	0.90	0.90	0.90		6.57			
2	72.9	**Road Break**	Sqm	1	0.00	0.00	0.00	0.00		0.00			
9	87.9		Sqm	1	15.00	0.90	0.90	0.90		13.50			
9	102.9		Sqm	1	15.00	0.90	0.90	0.90		13.50			
9	117.9		Sqm	1	15.00	0.90	0.90	0.90		13.50			
9	132.9		Sqm	1	15.00	0.90	0.90	0.90		13.50			
9	145.1		Sqm	1	12.20	0.90	0.90	0.90		10.98			
		2nd A Cross Road											
	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
	30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
	45		Sqm	1	15.00	0.90	0.90	0.90		13.50			
		Uthsavamba Nilaya Road											
		From Storm Water Drain											
		RHS											
	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
	30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
	52		Sqm	1	22.00	0.90	0.90	0.90		19.80			
	11.3		Sqm	1	11.30	0.90	0.90	0.90		10.17			
	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
	30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
	45		Sqm	1	15.00	0.90	0.90	0.90		13.50			
	60		Sqm	1	15.00	0.90	0.90	0.90		13.50			
	82.5		Sqm	1	22.50	0.90	0.90	0.90		20.25			
		Lake View Layout											
		4th Main Road											
		RHS											
	24.3		Sqm	1	24.30	0.90	0.90	0.90		21.87			

A.E.E

CIVIL Pro
Sig.....
Date.....
BANGALORE

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP YNK Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

ge To	Description of work	Unit	No.	Length m	Breadth (m) B1	B2	Avg B	Depth m	Qty	Rate	Amount	Remarks
30.9	Road Break	Sqm	1	0.00	0.00	0.00	0.00		0.00			
57.1		Sqm	1	26.20	0.90	0.90	0.90		23.58			
63.4	Road Break	Sqm	1	0.00	0.00	0.00	0.00		0.00			
88		Sqm	1	24.60	0.90	0.90	0.90		22.14			
	Cross Road-1											
	LHS											
15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
35.6		Sqm	1	5.60	0.90	0.90	0.90		5.04			
	RHS											
15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
37.1		Sqm	1	7.10	0.90	0.90	0.90		6.39			
	Cross Road-2											
	From 4th Main Road to											
	LHS											
15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
37.1		Sqm	1	7.10	0.90	0.90	0.90		6.39			
	RHS											
15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
37.3		Sqm	1	7.30	0.90	0.90	0.90		6.57			
	Jayamuni Layout											
	2nd Main Road											
	RHS											
30.5	No Work	Sqm	1	0.00								
42.6		Sqm	1	12.10	0.75	0.75	0.75		9.08			
48.3	Road Break	Sqm	1	0.00								
61.1	House Break	Sqm	1	0.00								
		Sqm	1	11.80	0.75	0.75	0.75		8.85			
72.9		Sqm	1	0.00								
83.7	House Break No Work	Sqm	1	11.40	0.75	0.75	0.75		8.55			
95.1		Sqm										
	Krishna Pallavi House Road											
	From Canadian School Road to Krishna Pallavi House											
	LHS											
15		Sqm	1	15.00	0.75	0.75	0.75		11.25			
30		Sqm	1	15.00	0.75	0.75	0.75		11.25			
37.1		Sqm	1	7.10	0.75	0.75	0.75		5.33			
53.7		Sqm	1	16.60	0.75	0.75	0.75		12.45			
	3rd Cross Jayamuni Layout											
	RHS											
15		Sqm	1	15.00	0.75	0.75	0.75		11.25			
30		Sqm	1	15.00	0.75	0.75	0.75		11.25			
45		Sqm	1	15.00	0.75	0.75	0.75		11.25			
60		Sqm	1	15.00	0.75	0.75	0.75		11.25			
75		Sqm	1	15.00	0.75	0.75	0.75		11.25			

09/09/2021

CIVIL Pro Sig..... Date..... BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

Asst. Executive Engineer
Yelahanka
(BBMP Yn Zn)
Yelahanka, Bangalore

No 01)

Description of work	Unit	No.	Length	Breadth (m)			Depth	Qty	Rate	Amount	Remarks
			m	B1	B2	Avg B	m				
	Sqm	1	15.00	0.75	0.75	0.75		11.25			
	Sqm	1	15.00	0.75	0.75	0.75		11.25			
	Sqm	1	15.00	0.75	0.75	0.75		11.25			
	Sqm	1	10.20	0.75	0.75	0.75		7.65			
Cross Road LHS											
	Sqm	1	15.00	0.90	0.90	0.90		13.50			
	Sqm	1	15.00	0.90	0.90	0.90		13.50			
	Sqm	1	5.00	0.90	0.90	0.90		4.50			
Missing Slab	Sqm	44	0.90	0.60	0.60	0.60		23.76			
							Total Executed Quantity	955.98			
							Tender Quantity	956.50			
							Now to be paid	955.98	2449.18	2341367.00	

.07 Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete as per specifications and directions of the Engineer in charge.

09-07-2021 to 12-07-2021

Near Ganesha Temple CC Slab (1.2 m)	Sqm	1	6.00	1.20	1.20	1.20		7.20		
Canadian School Road	Sqm	1	8.70	1.20	1.20	1.20		10.44		
4th main road	Sqm	1	4.90	1.20	1.20	1.20		5.88		
House no 38 Opposite road	Sqm	1	7.60	1.20	1.20	1.20		9.12		
jayamuni layout 2nd A Main Road	Sqm	1	5.90	1.20	1.20	1.20		7.08		
Missing Slab	Sqm	9	1.20	0.60	0.60	0.60		6.48		
							Total Executed Quantity	46.20		
							Tender Quantity	45.69		
							Now to be paid	46.20		
							Quantity Limited To	45.69	5678.06	259430.00

CIVIL Pro Sig..... Date..... BANGALORE PMC

Assistant Engineer

Asst. Executive Engineer Yelahanka Sub Division (BBMP Yelahanka, Bangalore)

Assistant Executive Engineer

	Description of work	Unit	No.	Length	Breadth (m)			Depth	Qty	Rate	Amount	Remarks
				m	B1	B2	Avg B	m				
	Venkatala											
	4th Cross Road											
	From Main Road to Dead End											
	RHS											
		m	1	15.00					15.00			
		m	1	15.00					15.00			
		m	1	8.30					8.30			
	LHS											
		m	1	15.00					15.00			
		m	1	15.00					15.00			
		m	1	6.80					6.80			
	5th Cross Road											
	From Main Road to Dead End											
	LHS											
		m	1	15.00					15.00			
15		m	1	15.00					15.00			
30		m	1	15.00					15.00			
45		m	1	15.00					15.00			
60		m	1	15.00					15.00			
75		m	1	15.00					15.00			
90		m	1	25.10					25.10			
15.1												
	RHS											
		m	1	15.00					15.00			
15		m	1	10.50					10.50			
25.5		m	1	0.00					0.00			
29.9	Culvert Break	m	1	15.00					15.00			
44.9		m	1	11.50					11.50			
56.4		m	1	0.00					0.00			
61	Road Break	m	1	15.00					15.00			
76		m	1	15.00					15.00			
91		m	1	7.30					7.30			
98.3												
	Lake VIEW layout											
	4th Cross Road											
	LHS											
		m	1	15.00					15.00			
15		m	1	15.00					15.00			
30		m	1	15.00					15.00			
45		m	1	15.00					15.00			
60		m	1	15.00					15.00			
75		m	1	7.40					7.40			
82.4												
	RHS											
		m	1	15.00					15.00			
15		m	1	15.00					15.00			
30		m	1	15.00					15.00			
45		m	1	15.00					15.00			
60		m	1	15.00					15.00			
75		m	1	7.40					7.40			
82.4												
	Cross Road-02											
	LHS											
		m	1	15.00					15.00			
15		m	1	15.00					15.00			
30		m	1	7.30					7.30			
37.3												
	RHS											
15		m							15.00			

09/09/2024

CIVIL Pro Sig..... Date..... BANGALORE DMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Yelahanka Zone)
Yelahanka, Bangalore

Assistant Executive Engineer

Description of work	Unit	No.	Length	Breadth (m)			Depth	Qty	Rate	Amount	Remarks
			m	B1	B2	Avg B	m				
Uthsavamba Nilaya Road											
From Storm Water Drain to Uthsavamba Nilaya											
RHS											
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	22.00				0.40	8.80			
	Sqm	1	11.30				0.40	4.52			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	22.50				0.40	9.00			
Venkatala											
4th Cross Road											
From Main Road to Dead End											
RHS											
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	8.30				0.40	3.32			
LHS											
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	6.80				0.40	2.72			
5th Cross Road											
From Main Road to Dead End											
LHS											
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	25.10				0.40	10.04			
RHS											
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	10.50				0.40	4.20			
Culvert Break	Sqm	1	0.00				0.40	0.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	11.50				0.40	4.60			
Road Break	Sqm	1	0.00				0.40	0.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	7.30				0.40	2.92			
Lake VIEW layout											
4th Cross Road											
LHS											
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			
	Sqm	1	15.00				0.40	6.00			

09/09/2024

CIVIL Pro Sig..... Date..... BANGALORE

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP)
Yelahanka, Bangalore

Assistant Executive Engineer

	Description of work	Unit	No.	Length	Breadth (m)			Depth	Qty	Rate	Amount	Remarks
				m	B1	B2	Avg B	m				
12	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and directions of the Engineer in charge.											
		Cum										
	Vide Total executed Quantity from premeasuremet Page no. 21 to 22								1692.97			
	Total Executed Quantity								1692.97			
	Tender Quantity								1717.92			
	Now to be paid								1692.97	67.01	113445.00	
13	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labours, HOM complete as per specifications and directions of the Engineer in charge.											
		Sqm										
	Vide Total executed Quantity from premeasuremet Page no. 23 to 25								4597.00			
	Total Executed Quantity								4597.00			
	Tender Quantity								4578.60			
	Now to be paid								4597.00			
	Quantity Limited To								4578.60	6.67	30539.00	
14	Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications and directions of the Engineer in charge.											
		Cum										
	Vide Total executed Quantity from premeasuremet Page no. 26								123.29			
	Total Executed Quantity								123.29			
	Tender Quantity								123.40			
	Now to be paid								123.29	361.04	44513.00	
15	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse-graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and directions of the Engineer in charge.											
		Cum										
	Vide Total executed Quantity from premeasuremet Page no. 27 to 28								573.71			
	Total Executed Quantity								573.71			
	Tender Quantity								572.64			
	Now to be paid								573.71			
	Quantity Limited To								572.64	2090.68	1197206.00	
16	Cement concrete pavement.Construction of un-reinforced plain cement concrete for pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008.mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire charges of machineries,all lead and lift charges etc., complete as per specifications and directions of the Engineer in charge.											
	30-07-2021 to 05-08-2021										12-08-2021	
	Maruthinagara											
	From Main Road to Dead End											
12		Cum	1	11.20	5.40	4.10	4.75	0.15	7.98			
57		Cum	1	4.50	4.90	5.30	5.10	0.15	3.44			
26		Cum	1	10.30	5.30	4.00	4.65	0.15	7.18			
28.5		Cum	1	2.50	4.00	5.60	4.80	0.15	1.80			
43.5		Cum	1	15.00	5.60	5.30	5.45	0.15	12.26			
58.5		Cum	1	15.00	5.30	5.40	5.35	0.15	12.04			
70.7		Cum	1	12.20	5.40	5.50	5.45	0.15	9.95			
	Venkatala											
	4th Cross Road											
15		Cum	1	15.00	4.60	4.50	4.55	0.15	10.24			
30		Cum	1	15.00	4.50	4.60	4.55	0.15	10.24			

09/08/2021

CIVIL Pro Sig..... Date..... BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Wk. 20)
Yelahanka, Bangalore

	Description of work	Unit	No.	Length	Breadth (m)			Depth	Qty	Rate	Amount	Remarks
				m	B1	B2	Avg B	m				
		Cum	1	7.80	4.60	4.60	4.60	0.15	5.38			
	5th Cross Road											
		Cum	1	15.00	4.20	4.20	4.20	0.15	9.45			
		Cum	1	15.00	4.20	4.20	4.20	0.15	9.45			
15		Cum	1	15.00	4.20	4.20	4.20	0.15	9.45			
30		Cum	1	15.00	4.20	4.20	4.20	0.15	9.45			
45		Cum	1	15.00	4.20	4.10	4.15	0.15	9.34			
60		Cum	1	15.00	4.10	4.05	4.08	0.15	9.17			
75		Cum	1	15.00	4.05	4.05	4.05	0.15	9.11			
90		Cum	1	8.40	4.05	4.10	4.08	0.15	5.13			
98.4		Cum	1	5.00	4.60	4.60	4.60	0.15	3.45			
113.4		Cum	1	12.00	4.60	3.60	4.10	0.15	7.38			
15.4												
	2nd Main Road From Borewell Point to Dead End											
		Cum	1	15.00	5.45	5.50	5.48	0.15	12.32			
15		Cum	1	15.00	5.50	5.40	5.45	0.15	12.26			
30		Cum	1	15.00	5.40	5.40	5.40	0.15	12.15			
45		Cum	1	15.00	5.40	5.40	5.40	0.15	12.15			
60		Cum	1	15.00	5.40	5.60	5.50	0.15	12.38			
75		Cum	1	17.60	5.60	5.40	5.50	0.15	14.52			
92.6												
	4th Main Road											
		Cum	1	15.00	6.40	6.80	6.60	0.15	14.85			
15		Cum	1	15.00	6.80	6.80	6.80	0.15	15.30			
30		Cum	1	7.10	6.80	6.80	6.80	0.15	7.21			
37.1												
	Manjunatha House Road From Main Road to Dead End											
		Cum	1	15.00	6.40	6.50	6.45	0.15	14.51			
15		Cum	1	15.00	6.50	6.80	6.65	0.15	14.96			
30		Cum	1	6.40	6.80	6.80	6.80	0.15	6.83			
36.4												
	Ganesha Temple Road From Main Road to Dead End											
		Cum	1	19.60	5.80	4.90	5.35	0.15	15.73			
19.6												
	Uthsavamba Nilaya Road From Uthsavamba Nilaya to Storm Water drain											
		Cum	1	15.00	6.30	6.00	6.15	0.15	13.84			
15		Cum	1	15.00	6.00	6.20	6.10	0.15	13.73			
30		Cum	1	15.00	6.20	6.30	6.25	0.15	14.06			
45		Cum	1	15.00	6.30	6.30	6.30	0.15	14.18			
60		Cum	1	11.00	6.30	6.30	6.30	0.15	10.40			
71												
	Square Portion	Cum	1	18.20	18.40	18.40	18.40	0.15	50.23			
15		Cum	1	15.00	6.20	6.20	6.20	0.15	13.95			
30		Cum	1	15.00	6.20	6.40	6.30	0.15	14.18			
49.8		Cum	1	19.80	6.40	6.80	6.60	0.15	19.60			
	2nd A Cross Road											
15		Cum	1	15.00	5.60	5.60	5.60	0.15	12.60			
30		Cum	1	15.00	5.60	6.10	5.85	0.15	13.16			
36.9		Cum	1	6.90	6.10	6.00	6.05	0.15	6.26			

09/09/2024

09/09/2024

CIVIL Pro Sig..... Date..... BANGALORE

PMC

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP, NR. ZN)
Yelahanka, Bangalore

Assistant Executive Engineer

Description of work	Unit	No.	Length	Breadth (m)			Depth	Qty	Rate	Amount	Remarks
			m	B1	B2	Avg B	m				
Canadian School Road											
PCC Measurement											
	Cum	1	9.50	6.90	8.30	7.60	0.15	10.83			
	Cum	1	5.00	8.30	5.90	7.10	0.15	5.33			
	Cum	1	15.00	5.90	5.85	5.88	0.15	13.22			
	Cum	1	15.00	5.85	6.40	6.13	0.15	13.78			
	Cum	1	15.00	6.40	6.30	6.35	0.15	14.29			
	Cum	1	15.00	6.30	6.45	6.38	0.15	14.34			
	Cum	1	16.40	6.45	5.90	6.18	0.15	15.19			
	Cum	1	1.80	5.40	5.30	5.35	0.15	1.44			
4th main road											
	Cum	1	15.00	6.70	7.00	6.85	0.15	15.41			
	Cum	1	15.00	7.00	7.10	7.05	0.15	15.86			
	Cum	1	15.00	7.10	6.70	6.90	0.15	15.53			
	Cum	1	15.00	6.70	5.60	6.15	0.15	13.84			
	Cum	1	15.00	5.60	6.60	6.10	0.15	13.73			
	Cum	1	13.35	6.60	6.60	6.60	0.15	13.22			
							Total Executed Quantity	689.55			
							Tender Quantity	686.79			
							Now to be paid	689.55			
							Quantity Limited To	686.79	5461.09	3750622.00	
									Sub Total	18329588.00	
									Add 12% Gst	2199550.00	
									Grand Total	20529138.00	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yn. Zn)
Yelahanka, Bangalore

CIVIL Pro
Sig.....
Date.....
BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer